



DPW

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

Inventor : RUSSELL  
Appln. No. : 10/792,180  
Conf. No.: 4931  
Filed: March 3, 2004  
Title: IMPROVED OPTICAL SYSTEM FOR A GAS  
MEASUREMENT SYSTEM  
Group Art Unit : 2856  
Examiner : Unknown  
Docket No. : 02-68

\* \* \* \* \*

August 2, 2004

## FILING OF FORMAL DRAWINGS

Hon. Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

Please accept herewith the 6 sheets of formal drawings on 8½ x 11 size paper of  
Figures 1-9;

which are in lieu of the informal drawing(s) filed earlier.

Each sheet of drawings includes the identifying indicia suggested in 37 C.F.R. § 1.84 (c) on the  
front of the drawing.

Respectfully submitted,

By Michael W. Haas

Michael W. Haas  
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### CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the  
United States Postal Service on August 2, 2004 with sufficient postage as first class mail in an envelope addressed  
to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Michael W. Haas  
Michael W. Haas, Reg. No. 35,174



# TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

		Application Number	10/792,180
		Filing Date	March 3, 2004
		Confirmation Number	4931
		Inventor(s)	RUSSELL
		Group Art Unit	2856
		Examiner	Unknown
Total Number of Pages in This Submission:	8	Attorney Docket No.	02-68

## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form (submit in duplicate)	<input type="checkbox"/> Assignment Papers	<input type="checkbox"/> Issue fee Transmittal Form PTOL-85(b) + (c) and cover sheet
<input type="checkbox"/> Fee Attached <input type="text" value="\$"/>	<input type="checkbox"/> Cover Sheet	<input type="checkbox"/> After Allowance Communication to Group
Check No.: <input type="text"/>	<input type="checkbox"/> Drawing Change Authorization Request and Amended Figure(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Request for Return of PTO-1449 Forms	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to the Commissioner	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits / Declaration(s)	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Status Request Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Address	<input type="checkbox"/> Small Entity Statement
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Terminal Disclaimer(s)	<input type="checkbox"/> Request for Refund
<input type="checkbox"/> Form PTO-1449	<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Response to Missing Parts / Incomplete Application
<input type="checkbox"/> Cited References	<input type="checkbox"/> Request for Corrected Filing Receipt	<input type="checkbox"/> Response to File Corrected Application Papers
<input type="checkbox"/> Search report		
<input checked="" type="checkbox"/> Drawing(s): Number of Pages <u>6</u>	<input type="checkbox"/> Other Enclosure(s): _____	
Number of Figs. <u>1-9</u> and cover sheet		
<input checked="" type="checkbox"/> Formal		
<input type="checkbox"/> Informal		

Current Due Date: None

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Individual and Company	Michael W. Haas, Reg. No. 35,174 RESPIRONICS, Inc., 1010 Murry Ridge Lane, Murrysville PA, 15668
Signature	
Date	August 2, 2004

## CERTIFICATE OF MAILING

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Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450 on this date: August 2, 2004.

Typed Name	Michael W. Haas, Reg. No. 35,174
Signature	
Date	August 2, 2004